MA111: Contemporary mathematics

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September 24, 2012

Entrance Slip (Show Your Work; due 5 min past the hour):

- Which is the lower price:
  (a) 100% markup, or
  (b) two 50% markups in a row?

SCHEDULE:

- HW 10.2,10.3 is due Friday, Sep 28th, 2012.
- HW 10.6 is due Friday, Oct 5th, 2012.
- The second exam is Monday, Oct 8th, during class.
- First exam returned today during activity.

Today we will drill percentage change and simple interest.
The rest of the chapter is just fancier formulas to do it faster in special cases.

Context: Practice the basics

- 10.1, 10.2, and a spreadsheet should handle all your finances

- But you have to be calm and certain about these calculations

- We'll practice the basics today.

- Everyone should complete the pages marked 10.1 and 10.2 today.

- Once you finish them, work on 10.3 and 10.5

Assignments and exit slip

- Reread and understand section 10.2, especially the first two examples

- Read section 10.3

- **Exit slip:** Make sure to show your work and explain your answer!

  What percent of $130.56 is $137.09?

  What percent of $130.56 is $6.53?

- Entrance slip answer:

  Which is the lower price:
  (a) 100% markup, or
  (b) two 50% markups in a row?

- (a) is 200% total,
  (b) is $(1.5)(1.5) = 2.25$, so 225% total.

  (a) is cheaper